

In the Claims

The pending claims are as follows:

1. (Previously amended) A disc drive comprising:

a housing having a first component;

an actuator having a cavity; and

a pivot comprising:

a first member positioned within the cavity and coupled to the actuator,

the first member having at least one external surface;

a second member mounted to the first housing component; and

at least two leaves, each leaf joining one of the external surfaces to the

second member, wherein the leaves are transversely disposed at an angle to one another such that the actuator is pivotable with respect to the housing about an axis.

2. (Original) The disc drive of claim 1 in which the cavity further comprises:

two end walls defining a recess in slidably engagement with the second member,

the two end walls serving to limit rotation of the actuator by coming into abutment with the second member.

3. (Original) The disc drive of claim 1 in which the cavity further comprises:

a first recess shaped to locate the first member.

4. (Original) The disc drive of claim 1 further comprising:

a pair of washers secured to each one of the leaves, the washers of each pair

being spaced apart by substantially a same distance.

5. (Original) The disc drive of claim 1 in which the pivot has a center of rotation generally coincident with a center of mass of the actuator.

6. (Original) The disc drive of claim 5 in which each of the external surfaces is inclined towards the center of rotation.

7. (Original) The disc drive of claim 1, the housing further comprising:
a second component, the second member being coupled to the second housing component.

8. (Previously amended) An actuator configured for rotational movement about an axis, comprising:

an actuator body having a cavity; and

a pivot comprising:

a first member positioned within the cavity and coupled to the actuator;
a second member positioned within the cavity and configured to be

mounted to a housing; and

at least two leaves, each leaf joining the first member to the second member, wherein the leaves are transversely disposed at an angle to one another such that the actuator is configured to be pivotable with respect to the housing about the axis.

9. (Original) The actuator of claim 8 in which the cavity further comprises:

two end walls defining a recess in slidable engagement with the second member,
the two end walls serving to limit rotation of the actuator by coming into abutment with the second member.

10. (Original) The actuator of claim 8 in which the cavity further comprises:

a first recess shaped to locate the first member.

11. (Original) The actuator of claim 8 further comprising:
two washers secured to each one of the leaves, the two washers being spaced apart by a same distance for all the leaves.
12. (Original) The actuator of claim 8 in which the pivot includes a center of rotation generally coincident with a center of mass of the actuator.
13. (Original) The actuator of claim 12 in which each of the external surfaces is inclined towards the center of rotation.
14. (Previously amended) The actuator of claim 8 in which the second member is configured to be mounted to first and second housing components.
15. (Previously amended) A disc drive comprising:
a base;
an actuator configured for rotation relative to the base about an axis of rotation;
and
means for pivotably coupling the actuator to the base.
16. (Canceled)
17. (Original) The disc drive of claim 15, in which the coupling means includes a center of rotation generally coincidental with a center of mass of the actuator.
18. (Canceled)
19. (Original) The disc drive of claim 15 in which the coupling means comprises:
a mounting element fixed to the base.

20. (Original) The disc drive of claim 15 in which the coupling means comprises:
a mounting element fixed to the actuator within the cavity.